

PATENTS & NPL ABSTRACTS

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File 357:Derwent Biotech Res. _1982-2011/Nov W4
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File 399:CA SEARCH(R) 1967-2010/UD=15418
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Set	Items	Description
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S1 838342 (FETAL? OR FOETAL? OR FAETAL? OR EMBRYO? ? OR
 EMBRYONIC?) () (TISSUE OR CELL OR CELLS) OR STEM () (CELL OR CELLS) OR
 (CELL OR CELLS OR TISSUE) (2N) (FETUS? OR FOETUS? OR FAETUS?)
 S2 36077994 EXTRACT OR REMOV? OR GRAFT? OR HARVEST? OR BIOPSY? OR
 BIOPSIE? ? OR SAMPLING? OR SAMPLE?? OR RESECT? OR WITHDRAW? OR
 COLLECT? OR EXCIS??? OR EXCISION? OR OBTAIN??? OR (TAKE? ? OR TAKING OR
 TOOK) () (OUT)
 S3 14783430 (CANNULA? OR TROCOR? OR CANULA? OR MICROCANNULA? OR
 MICROCANULA? OR OBTURATOR? OR LUMEN OR SHEATH? OR TROCAR? OR DRILL?
 NEEDLE? OR PIPE OR PIPING OR HOSE? ? OR CONDUIT? OR TUBE? OR CANULLA?
 OR CANNULLA? OR CYLIND? OR CHANNEL? OR PIPELI? OR PIPETTE? OR PIPET? OR
 DUCT? ? OR CONDUIT? ? OR CHANNEL? ? OR CYLIND? OR ADJUTAG? OR
 FISTULA? OR SLEEVE OR SLEEVES OR HOLLOW(1W) (SHAFT? ? OR MEMBER? ? OR
 DEVICE? ? OR INSTRUMENT? ? OR PASSAGE??? OR GUARD? ?))
 S4 645455 (SLIT OR SLITS OR INCISION? ? OR OPENING OR STOMA OR
 STOMAL OR APERTURE? ? OR ORIFICE? ? OR PORE? ? OR BORE? ? OR HOLE OR
 HOLES OR OPENING? OR CAVIT? OR PERFORAT? OR PIERC? OR FORAMINOUS? OR
 PENETRAT??? OR SEVER? OR CUT OR CUTS OR CUTTING) (4N) (INSERT? OR
 IMPLANT? OR TRANSPLANT?)
 S5 38383 S1(4N)S2
 S6 1619 S5 AND S3
 S7 30 S6 AND S4
 S8 27 RD (unique items)
 S9 0 S8 NOT PY>1990
 S10 659 S5 AND S4
 S11 3 S10 AND (TROCAR? OR SHEATH? OR CANNULA OR DRILL? OR
 CANNULLA?)
 S12 18 S5(7N) (TROCAR? OR SHEATH? OR CANNULA OR DRILL? OR
 CANNULLA?)
 S13 538 S1(7N) (TROCAR? OR SHEATH? OR CANNULA OR DRILL? OR
 CANNULLA?)
 S14 16 S13 AND EXTRACT?
 S15 14 RD (unique items)
 S16 383105 S3(5N)INSERT?
 S17 207 S16 AND S1
 S18 133 S17 AND S2
 S19 108 RD (unique items)
 S20 1 S19 NOT PY>1990
 S21 48 S16 AND (S1(10N)S2)
 S22 37 RD (unique items)
 S23 0 S22 NOT PY>1990
 S24 1 S15 NOT PY>1990
 S25 2 S20 OR S24

? t s25/3,k/1-2

25/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
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0001920025
 WPI Acc no: 1980-25207C/198014

Human foetal cell extractor - with valve ball on end of plunger movable in flexible plastic tube

Patent Assignee: UNIV INDIANA (INDV)

Inventor: PALMER C G; RHINE S A; THOMPSON J F

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 4194513	A	19800325	US 1977793914	A	19770505	198014	B
			US 1977793914	A	19770505		

Priority Applications (no., kind, date): US 1977793914 A 19770505

Human foetal cell extractor... Alerting Abstract ...extractor for first trimester detection of foetal sex and genetic disease, comprises a flexible plastic **tube** for human cervical **insertion** and holding a movable plunger passing through a proximal end flexible closure sleeve, the movement... **Title Terms** .../Index Terms/Additional Words: **EXTRACT**; **Class Codes** Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:** This application discloses an antenatal cell extracting device comprising a thin, flexible, plastic **tube** adapted for cervical **insertion** in a human **female**. A flexible closure is provided at the proximal end of the plastic tube, and passing...

Dialog eLink:

USPTO Full Text Retrieval Options

25/3,K/2 (Item 1 from file: 357)

DIALOG(R)File 357: Derwent Biotech Res.

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0042390 **DBA Accession No.:** 86-00238 **PATENT**

Stabilization of plasminogen-activator

- extraction from human tissue culture

Patent Assignee: Asahi 1985

Patent Number: JP 60174727 (Kokai) **Patent Date:** 850909 **WPI Accession No.:** 85-260395 (8542)

Priority Application Number: JP 8429529 **Application Date:** 840221

National Application Number: JP 8429529 **Application Date:** 840221

Language: Japanese

- extraction from human tissue culture

Abstract: The stabilization of a plasminogen-activator which is collected from a tissue culture solution of a human tissue cell is claimed. This stabilization employs treatment with albumin. The preferable human normal tissue cell is a cell originated from the kidney, lung or **sheath** of human **fetus**. The **tissue** culture solution (which may be concentrated) is treated by ammonium sulfate precipitation. The precipitate is separated, dissolved in NH4SCN containing NaCl, and passed through an anti-urokinase (EC-

3.4.21.31) Ig-G Sepharose column and a lysine-Sepharose column. The **extract** is further purified by passing through an anti-urokinase Ig-G Sepharose column, lyophilized and concentrated. The concentrate is treated by Sephadex G-150 gel filtration and the plasminogen-activator is obtained. It is distinct from urokinase and the thrombolytic activity is about 30 times that of urokinase. The albumin added is preferably human albumin which is added at a concentration of 1-50 mg/l and the preservation temperature of this solution is preferably 0-10 deg. (6pp)

E.C. Numbers: 3.4.21.31

NPL FULL-TEXT

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Set	Items	Description
S1	194553	(FETAL? OR FOETAL? OR FAETAL? OR EMBRYO? ? OR EMBRYONIC?) () (TISSUE OR CELL OR CELLS) OR STEM() (CELL OR CELLS) OR (CELL OR CELLS OR TISSUE) (2N) (FETUS? OR FOETUS? OR FAETUS?)
S2	14233992	EXTRACT OR REMOV? OR GRAFT? OR HARVEST? OR BIOPSY? OR BIOPSIE? ? OR SAMPLING? OR SAMPLE?? OR RESECT? OR WITHDRAW? OR COLLECT? OR EXCIS??? OR EXCISION? OR OBTAIN??? OR (TAKE? ? OR TAKING OR TOOK) () (OUT)
S3	6066190	(CANNULA? OR TROCOR? OR CANULA? OR MICROCANNULA? OR MICROCANULA? OR OBTURATOR? OR LUMEN OR SHEATH? OR TROCAR? OR DRILL? NEEDLE? OR PIPE OR PIPING OR HOSE? ? OR CONDUIT? OR TUBE? OR CANULLA? OR CANNULLA? OR CYLIND? OR CHANNEL? OR PIPELI? OR PIPETTE? OR PIPET? OR DUCT? ? OR CONDUIT? ? OR CHANNEL? ? OR CYLIND? OR ADJUTAG? OR FISTULA? OR SLEEVE OR SLEEVES OR HOLLOW(1W) (SHAFT? ? OR MEMBER? ? OR DEVICE? ? OR INSTRUMENT? ? OR PASSAGE??? OR GUARD? ?))
S4	33375	(SLIT OR SLITS OR INCISION? ? OR OPENING OR STOMA OR STOMAL OR APERTURE? ? OR ORIFICE? ? OR PORE? ? OR BORE? ? OR HOLE OR HOLES OR OPENING? OR CAVIT? OR PERFORAT? OR PIERC? OR FORAMINOUS? OR PENETRAT??? OR SEVER? OR CUT OR CUTS OR CUTTING) (4N) (INSERT? OR IMPLANT? OR TRANSPLANT?)
S5	22111	S1(10N)S2
S6	1781	S4(10N)S3
S7	0	S5(10N)S6
S8	98	S5(10N)S3
S9	59	S5(10N)S4
S10	59	S9 OR S9
S11	55	RD (unique items)
S12	1	S11 NOT PY>1990
S13	103	S5(10N) (TROCAR? OR SHEATH? OR CANNULA OR DRILL? OR CANNULLA? OR NEEDLE?)
S14	60	RD (unique items)
S15	5	S14 NOT PY>1990

? t s15/3,k/1-5

15/3,K/1 (Item 1 from file: 160)
DIALOG(R)File 160: Gale Group PROMT(R)
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01036409

Concern for health of fetus is raised by new gene test.

New York Times (National Edition) May 27, 1984 p. 211

...10th week of pregnancy. With amniocentesis samples of amniotic fluid are

taken with a hollow **needle** through the mother's abdominal wall to study the **fetal cells**. With the new method, a tissue **sample** of chorion villus, part of the membrane formed early around the fetus, is taken directly...

15/3,K/2 (Item 1 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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02036111 **Supplier Number:** 03074404 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Healing before birth: an ethical dilemma.

Fletcher, John C.

Technology Review , v87 , p26(10)

Jan , 1984

CODEN: TERE A

ISSN: 0040-1692

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 5060 **Line Count:** 00393

...the death of the fetus, or other reasons for a high AFP level.

Amniocentesis, a **needle** puncture of the uterus used to **obtain fetal cells** for study, is the

15/3,K/3 (Item 1 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01242029 **Supplier Number:** 09171765 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The telltale gene. (advances in genetic screening) (includes related information)

Consumer Reports , v55 , n7 , p483(6)

July ,

1990

Publication Format: Magazine/Journal

ISSN: 0010-7174

Language: English

Record Type: Fulltext **Target Audience:** Consumer

Word Count: 4036 **Line Count:** 00434

...the procedure. In amniocentesis, a sample of amniotic fluid (the liquid surrounding the fetus) is **withdrawn** through a **needle** inserted into the mother's abdomen. **Fetal cells** from the fluid are then examined for chromosomal aberrations, which become more common with advancing...

15/3,K/4 (Item 2 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01070406 **Supplier Number:** 03205188 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Fetal testing: sooner, safer, gentler. (chorion villi biopsy)

Lewis, Ricki

Health , v16 , p18(1)

April ,

1984

Publication Format: Magazine/Journal

ISSN: 0279-3547

Language: English

Record Type: Fulltext **Target Audience:** Consumer

Word Count: 341 **Line Count:** 00032

Text:

Over the last few years, amniocentesis--the **removal** of **fetal cells** and fluid via a hypodermic **needle**--has given many expectant parents interesting information about their unborn offspring. It has been particularly...

15/3,K/5 (Item 1 from file: 635)

DIALOG(R)File 635: Business Dateline(R)

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0161482 90-44660

IG's Gentler Approach to Fetal Cell Sampling

Hower, Wendy

Boston Business Journal (Boston , MA , US) , V 10 N 27 s 1 p 6

Publication Date: 900827

Word Count: 432

Dateline: Framingham, MA, US

Text:

...can cause infections, needle-pricks to the fetus and complications to the uterine wall. A **needle** is injected into the uterus wall to **withdraw** amniotic fluid that holds sloughed **cells** from the **fetus**. Then the **cells** are cultured and the DNA checked for mutations.

Ultrasound images help direct the physician's...